

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A massage machine comprising a living body information sensor for detecting the living body information of the autonomic nervous system of the person to be massaged, and a control circuit for controlling a massage operation based on the living body information detected by the sensor, the control circuit comprising psychological state estimating means for estimating the psychological state of the person based on variations in the living body information detected by the sensor, and massage movement adjusting means for adjusting a massage movement in accordance with the estimated psychological state,

wherein the massage movement adjusting means comprises mode changeover means for switching between a relaxation mode and a refreshment mode, and the massage movement is adjusted so as to reduce the activity of the autonomic nervous system in the relaxation mode and to increase the activity of the autonomic nervous system in the refreshment mode,

wherein the living body information sensor includes one or a plurality of sensors selected from among a galvanic skin response sensor, a pulse sensor and a skin temperature sensor, and

wherein [[when]] the living body information sensor comprises a skin temperature sensor, and the psychological state estimating means of the control circuit interprets a rise in the skin

temperature as indicating a relaxed state, and a drop in the skin temperature as indicating a tense state, and

wherein the control circuit gives different kinds of massages to a plurality of parts of the person in estimating the psychological state to estimate the psychological state for each kind of message given to each part, and adjusts the message movement for each kind of the message to be given to each part in accordance with the result of estimation of the psychological state.

Claims 2-6 (canceled).

Claim 7 (previously presented): A massage machine according to claim 1, wherein the psychological state estimating means of the control circuit judges the level of activity of the person in accordance with variations in at least one item of living body information selected from among galvanic skin response, pulse rate and skin temperature, and interprets low activity as indicating a relaxed state and high activity as indicating a tense state.

Claim 8 (canceled).

Claim 9 (previously presented): A massage machine according to claim 1, wherein the message operation is executed by a sequence of message movements, and the message movement adjusting means of the control circuit comprises time adjusting means for adjusting the time

required for a predetermined number of massage movements so as to complete the sequence of massage movements within approximately the same period of time whether the relaxation mode or the refreshment mode is selected.

Claim 10 (currently amended): A massage machine comprising a living body information sensor for detecting the living body information of the autonomic nervous system of the person to be massaged, and a control circuit for controlling massage based on the living body information detected by the sensor, the control circuit comprising psychological state estimating means for estimating the psychological state of the person based on variations in the living body information detected by the sensor by executing a preliminary massage, and massage operation adjusting means for adjusting a full massage operation in accordance with the estimated psychological state,

wherein the living body information sensor includes one or a plurality of sensors selected from among a galvanic skin response sensor, a pulse sensor and a skin temperature sensor; and

wherein the living body information sensor comprises a skin temperature sensor, and the psychological state estimating means of the control circuit interprets a rise in the skin temperature as indicating a relaxed state, and a drop in the skin temperature as indicating a tense state, and

wherein the control circuit gives different kinds of massages to a plurality of parts of the person in the preliminary massage to estimate the psychological state for each kind of massage

given to each part, and adjusts the massage movement for each kind of the massage to be given to each part in the full massage operation, in accordance with the result of estimation of the psychological state.

Claim 11 (original): A massage machine according to claim 10 which further comprises memory means for storing the result of estimation of the psychological state, and the massage operation is adjusted based on the result of estimation of the psychological state read from the storage means.

Claims 12-15 (canceled).

Claim 16 (previously presented): A massage machine according to claim 10, wherein the psychological state estimating means of the control circuit judges the level of activity of the person in accordance with variations in at least one item of living body information selected from among galvanic skin response, pulse rate and skin temperature, and interprets low activity as indicating a relaxed state and high activity as indicating a tense state.

Claim 17 (currently amended): A massage machine according to claim 10, wherein the massage operation adjusting means comprises mode changeover means for switching

between a relaxation mode and a refreshment mode, and adjusts different massage movements in the different modes.

Claim 18 (canceled).

Claim 19 (withdrawn): An electronic device having a controller for transmitting control signals to a body of the device to control the operation of the device body, the controller comprising a casing to be grasped by one hand or both hands, manual keys arranged on the casing, and one or a plurality of living body information sensors arranged on the casing and positioned to be brought into contact with the grasping hand, the controller being operable to transmit living body information detected by the sensors to the device body as control signals, the device body comprising a control circuit for receiving the control signals from the controller to control the operation of the device, the control circuit comprising psychological state estimating means for estimating the psychological state of the operator based on variations in the living body information received as the control signals, and control means for controlling the operation of the device in accordance with the estimated psychological state.

Claim 20 (withdrawn): An electronic device according to claim 19 wherein the controller is provided separately from the device body and transmits the control signals to the device body through a wire or wirelessly.

Claim 21 (withdrawn): An electronic device according to claim 19 wherein the controller is joined to the device body and transmits the control signals to the device body through a wire.

Claim 22 (withdrawn): An electronic device according to claim 19 wherein the living body information sensor includes one or a plurality of sensors selected from among a galvanic skin response sensor, a pulse sensor and a skin temperature sensor.

Claim 23 (withdrawn): An electronic device according to claim 22 wherein when the living body information sensor comprises a galvanic skin response sensor, the psychological state estimating means of the control circuit interprets an impaired galvanic skin response as indicating a relaxed state, and a higher galvanic skin response as indicating a tense state.

Claim 24 (withdrawn): An electronic device according to claim 22 wherein when the living body information sensor comprises a pulse sensor, the psychological state estimating means of the control circuit interprets a reduced pulse rate as indicating a relaxed state, and an increased pulse rate as indicating a tense state.

Claim 25 (withdrawn): An electronic device according to claim 22 wherein when the living body information sensor comprises a skin temperature sensor, the psychological state estimating means of the control circuit interprets a rise in the skin temperature as indicating a relaxed state, and a drop in the skin temperature as indicating a tense state.

Claim 26 (withdrawn): An electronic device according to claim 22 wherein the psychological state estimating means of the control circuit judges the level of activity of the operator in accordance with variations in at least one item of living body information selected from among galvanic skin response, pulse rate and skin temperature, and interprets low activity as indicating a relaxed state and high activity as indicating a tense state.